

IN THE U.S. PATENT AND TRADEMARK OFFICE
Patent Application Transmittal Letter

Mail Stop Patent Application
Commissioner for Patents
PO Box 1450
Alexandria, VA 22313-1450

17548 U.S. PTO
10/828448

Sir:

Transmitted herewith for filing under 37 CFR 1.53(b) is a(n): ☒ Utility () Design

☒ original patent application,
() continuation-in-part application

INVENTOR(S): Christopher G. Malone; Glenn C. Simon

TITLE: EXTERNAL LIQUID LOOP HEAT EXCHANGER FOR AN ELECTRONIC SYSTEM

Enclosed are:

☒ The Declaration and Power of Attorney. ☒ signed () unsigned or partially signed
☒ 10 sheets of drawings (one set) () Associate Power of Attorney
() Form PTO-1449 (☒) Information Disclosure Statement and Form PTO-1449
() Priority document(s) () (Other) (fee \$)

CLAIMS AS FILED BY OTHER THAN A SMALL ENTITY				
(1) FOR	(2) NUMBER FILED	(3) NUMBER EXTRA	(4) RATE	(5) TOTALS
TOTAL CLAIMS	25 — 20	5	X \$18	\$ 90
INDEPENDENT CLAIMS	4 — 3	1	X \$86	\$ 86
ANY MULTIPLE DEPENDENT CLAIMS	0		\$290	\$ 0
BASIC FEE: Design (\$340.00); Utility (\$770.00)				\$ 770
TOTAL FILING FEE				\$ 946
OTHER FEES				\$
TOTAL CHARGES TO DEPOSIT ACCOUNT				\$ 946

Charge \$ 946 to Deposit Account 08-2025. At any time during the pendency of this application, please charge any fees required or credit any over payment to Deposit Account 08-2025 pursuant to 37 CFR 1.25. Additionally please charge any fees to Deposit Account 08-2025 under 37 CFR 1.16 through 1.21 inclusive, and any other sections in Title 37 of the Code of Federal Regulations that may regulate fees. A duplicate copy of this sheet is enclosed.

"Express Mail" label no. ER 616766445 US

Date of Deposit 04-19-2004

I hereby certify that this is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to: Commissioner for Patents, Alexandria, VA 22313-1450.

By

Typed Name: Joy Ngo

Respectfully submitted,

Christopher G. Malone; Glenn C. Simon

By

Ken J. Koestner

Attorney/Agent for Applicant(s)
Reg. No. 33,004

Date: 04-19-2004

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